Michael Sanchez

Software Developer | Chicago, IL | (803) 917-7833 | mike.san.dev16@gmail.com
LinkedIn | Github | Portfolio Site

TECHNICAL SKILLS

Languages: *HTML/CSS, JavaScript(ES6), Node.js, Python,, Java, JSX*
Frameworks/Libraries: *Flask, Spring, JQuery, React, Express, Bootstrap, Material-UI*
Databases: *AWS RDS, MySQL, MongoDB, Mongoose,*
Tools: *AWS EC2, REST API, PostMan, Axios, bcrypt, JSON, ContextAPI, MySQL Workbench, Git, Github, Figma, Stripe*

TECHNICAL EXPERIENCE

Kinetic Footwear, LLC | Full Stack Developer (Freelance) | Github Demo   May 2022 - Present || remote
An ecommerce startup that sells a usb/charge-able sneaker with every step
- Built a scalable database using Flask and MySQL to collect survey data and customer feedback, resulting in useful suggestions that were implemented to improve the website's design and functionality. This feature was instrumental in presenting quantifiable data to angel investors, resulting in successful fundraising efforts.
- Implemented recurring updates through the Mailjet platform, we were able to improve user retention by 15% and saw a 20% increase in engagement from users who received the updates.
- Collected and analyzed survey data using form tags by storing data in MySQL and then exported to a Google Sheet for easy collaboration, resulting in a more efficient data analysis process and improved decision making.
- Collaborated with clients to define feature requirements, gather assets, and create mockups/wireframes; Organized weekly design meetings with the Kinetic Footwear leadership to address needs and requirements.
- TECHSTACK: Python, Flask, MySQL, HTML, CSS, Javascript

Chamber.IO LLC | Full Stack Developer (Freelance) | Github Demo | Live   December 2022 - Present || remote
Developed a website for a locally based dance training organization where users could purchase tickets.
- Incorporated React Bootstrap components to effectively display detailed information for each training session, resulting in improved user experience.
- Developed an in-cart function to allow users to easily add and remove items from their cart.
- Utilized Stripe payment portal to simplify ticket tracking for the client to improve user experience.
- Led weekly design meetings with the founder and cross-functional team to create wireframes, discuss technical requirements and collaborated with 10 local dancers in Chicago to create a video featured on the landing page for a notable dance company, resulting in a 50% increase in website traffic and ticket sale since launch.
- TECHSTACK: React JS, HTML/CSS, Bootstrap, Netlify

SOFTWARE PROJECTS

White Elephant | Full Stack CRUD Application (Personal Project) | Github Demo
A fully functional CRUD application for users to create gift ideas for their friends.
- Created a comprehensive wireframe and utilized Trello board to plan and design a new application from scratch, resulting in a more organized and efficient development process, resulting in a 25% reduction in development time.
- Utilized CSS animation, keyframes, and transform to create a visually engaging moving cloud effect on the landing page, improving user engagement and overall aesthetic.
- Applied JSTL for formatting, looping, and validation to iterate through gift objects and render them on the display table.
- Integrated a secure login and registration system using Spring Security and ensured password security by using bcrypt, resulting in improved security for user data.
- TECHSTACK: Java, Spring Boot, Spring Security, JSTL, Bootstrap, bcrypt

ADDITIONAL EXPERIENCE

Dental Hygienist | Downtown Dental | Chicago, IL   August 2019 - July 2022
- Provided dental care to 8+ patients a day, perform 160 routine dental cleanings, x-rays and dental examinations per month.
- Improved cavity detection using new dental programs with AI capabilities (e.g. Overjet).
- Maintained patient retention by making calls for reminders and appointment confirmations.
- Enhanced patient care through collaboration with Dentists on procedures within my scope of practice.

EDUCATION

Coding Dojo   July 2022 - October 2022
Python, MERN, Java   Online

Midlands Technical College   August 2016 - May 2019
Associates Degree in Dental Hygiene   Columbia, SC